



Agency Docket No.: 4324.224-US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Hansen et al.

Confirmation No: 2312

RECEIVED

Serial No.: 09/467,368

Group Art Unit: 1652

NOV 15 2002

Filed: December 21, 1999

Examiner: Rao, M

TECH CENTER 1600/2900

For: Animal Feed Additives

AMENDMENT FEE TRANSMITTAL

Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith is an Amendment for the above-identified application in response to the Office Action mailed May 7, 2002.


It is respectfully requested that the time for response to the Office Action be extended for a period of 3 months from August 7, 2002 to November 7, 2002. The required fee for the extension is estimated to be \$920.

No additional claims fee is required.

Please charge the required extension fee, estimated to be \$920, to Novozymes North America, Inc., Deposit Account No. 50-1701. A duplicate of this sheet is enclosed.

Respectfully submitted,

Date: November 7, 2002


Elias J. Lambiris, Reg. No. 33,728
Novozymes North America, Inc.
500 Fifth Avenue, Suite 1600
New York, NY 10110
(212) 840-0097



Attorney Docket No.: 4324.224-US

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Inventor Application of: Hansen et al.

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AMENDMENT UNDER 37 C.F.R. 1.116

Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Office Action mailed May 7, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 30-53 without prejudice or disclaimer. Please add new claims 54-70:

54. An animal feed composition, comprising

(a) a xylanase of Family 11 glycosyl hydrolase having a pH-optimum in the range of 4.5-7.5 and a residual xylanase activity after incubation for 60 minutes at pH 6.0 of one or more of: more than 96% residual activity when measured at 60°C; more than 83% residual activity when measured at 65°C; more than 20% residual activity when measured at 70°C; and more than 10% residual activity when measured at 75°C, and

(b) a carrier or excipient.

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55. The animal feed composition of claim 54, further comprising arabinoxylans and glucuronoxylans.

56. The animal feed composition of claim 54, further comprising one or more enzymes selected from the group consisting of arabinanases, endoglucanases, galactanases, alpha-galactosidases, beta-galactosidases, alpha-galacturonisidases, beta-glucanases, lipolytic enzymes, mannan acetyl esterases, mannanases, beta-mannosidases, pectate lyases, pectin